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21 February 1967

U. S. Government  
Washington, D. C.

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Subject: Quotation for modified version of  
Split Vertical Light Table.

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Gentlemen:

In response to your verbal request, we are pleased to submit the following description and quotation:

Special Light Table, similar to  
Split Vertical Light Table, Catalog #910560, except as defined by this specification.

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1. General Configuration

The light table is to consist of two sections, each approximately 11" x 18" mounted end-to-end in a common frame; the viewing surface adjustable for height from approximately 27 to 43" high from the floor; the unit frame on four casters; with an overhead bridge-type microscope carriage which scans over approximately 10" x 30" area; with provisions available on the microscope carriage for mounting, not necessarily interchangeably, the Stereoscope, the Versatile Stereoscope, Zoom 70 or Zoom 95 Stereoscopes, or the M-5 with rhomboids. The unit is to be fitted with reel brackets and tracking rollers to accommodate single or dual track frame photography without take-up; single-track film up to 9-1/2" wide with adjustable take-up from 0-72" (longer if later found feasible) by means of mechanically actuated take-up rollers.

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Light Source

The unit will be equipped with a cold cathode lamp system having a maximum brightness of 2200-ft. lamberts and dimmable to 150 ft. lamberts without internal cooling. Color temperature will be at least 5000°K.

Film Threading and Reel Brackets

The unit will be equipped with standard manual reel brackets of our T-2-10DC type on the end rails, and T-1-5 on the lower rails. This will accommodate single films up to 9-1/2" wide or dual films up to 5" wide for conventional threading; single films up to 9-1/2" wide for variable take-up threading, or for split vertical threading.

Elevating Table

The unit is constructed on our basic TE-2140 Elevating Table frame which provides height adjustment from 27" to 43" to light surface with an automatic brake on the ball elevating screw. The table is equipped with a power outlet strip with circuit breaker and a 12 ft. 3-conductor power cord.

Microscope Carriage

The basic microscope carriage used on this unit is the same as used on our Catalog #910560 Split Vertical Table. It provides a scanning range of 10" x 30" for the microscope. This travel is limited by the physical size of the stereoscope unit, but will provide access to the entire viewing area by the stereoscope arms. The carriage is mounted on ball bushings for the Y-travel, and on linear ball bearings or ball bushings for the X-travel depending on the optics to be mounted. The carriage will vary in construction to provide the best mounting for the optics selected. Three carriages are available for either the [ ] Stereoscope [ ] Versatile Stereoscope (will also accommodate the Zoom 70 and Zoom 95); or the model to mount your choice of Zoom 70, Zoom 95; or [ ] M-5 with rhomboid. All carriages will have a ball screw adjustment for gross height setting.

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Tilt-Top Option

This unit is available with a tilting top unit (except with Versatile Stereoscope) which permits sloping the top toward the operator up to 30°. This option also includes an electric torque counterbalance for the microscope carriage.

Masking

Internal masking will be provided in the two lamp boxes with manual adjustment to block unused light surfaces.

Motorized Film Transport

As an extra cost option, the film drives can be motorized as listed below with our new torque drives.

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The base price with selected extras applies for quantities from 1 through 19 units. From 20 through 39 units, deduct 3% from the above price; and for quantities from 40 through 79 units, deduct 5% from the base price.

Deliveries are available starting 120 days after receipt of order at a rate of up to 8 units per week if required.

Terms are less 1% for 10-day payment; 1/2-of 1%, 20-day; net 30-day.

We trust the above information is satisfactory. If further details are required, please advise.

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